

# SIP Update

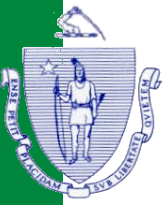
SIP Steering Committee  
December 16, 2015



# SIP Revisions in 2016

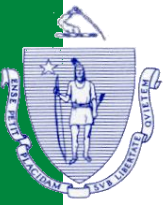
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- Hold public hearing and submit SIP revisions:
  - Ozone Transport SIP (2008 Ozone NAAQS)
  - SO<sub>2</sub> Transport SIP (2010 1-hour NAAQS)
  - PM<sub>2.5</sub> Infrastructure SIP (2012 Annual NAAQS)
  - 2011 Emissions Inventory
  - CO Maintenance Plan
  - RACT SIP



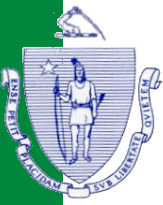
# Infrastructure SIPs

- New NAAQS trigger review of SIP adequacy under CAA 110(a)(1) and (2)
- iSIPs document adequacy of existing programs to implement the new NAAQS
- iSIPS must address transport under 110(a)(2)(D)(i) – “Good Neighbor SIP”



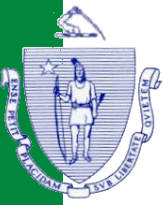
# Ozone Infrastructure SIP

- Submitted iSIP in 2014 for 2008 Ozone NAAQS
- Did not fully address transport due to CSAPR litigation
- Propose Ozone Transport SIP in 2016
  - EPA modeling shows MA max contribution in 2017 = 0.49%
  - Below EPA screening threshold of 1%



# SO2 Infrastructure SIP

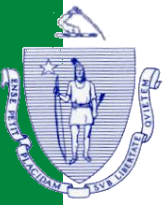
- Submitted iSIP in 2014 for 2010 1-hour SO2 NAAQS
- Did not fully address transport due to CSAPR litigation
- Propose SO2 Transport SIP in 2016
  - SO2 1-hour design values declining
  - Evaluate 100 ton SO2 sources near borders



# NO2 Infrastructure SIP

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- Submitted complete iSIP in 2014 for 2010 1-hour NO2 NAAQS
- NO2 primarily has local effects
- Operating Boston-area near-road NO2 monitoring station – levels below the 1-hour standard



# PM 2.5 Infrastructure SIP

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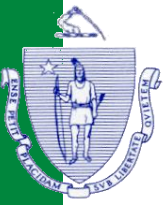
- Propose PM2.5 iSIP in 2016, including transport
- MA below PM2.5 NAAQS
- No nearby areas with non-attainment or maintenance issues affected by MA



# RACT SIP

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- Propose RACT SIP for 2008 and 2015 Ozone NAAQS in 2016
- Certify that current RACT for VOC/NOx still constitute RACT
- Propose RACT regulation revisions where needed





# CO Maintenance Plan

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- Propose Carbon Monoxide 2<sup>nd</sup> 10-year Maintenance Plan
- CO levels well below CO NAAQS



# Emissions Inventory

- Propose 2011 Emissions Inventory as SIP revision - required due to 2008 Ozone NAAQS marginal nonattainment designation in Dukes County
- Also plan to submit 2014 Emissions Inventory data to EPA in 2016

